

Message Text

CONFIDENTIAL

PAGE 01 SEOUL 01698 020948Z
ACTION OES-07

INFO OCT-01 EA-10 ISO-00 SOE-02 AID-05 CEA-01 CIAE-00
COME-00 DODE-00 EB-08 H-01 INR-10 INT-05 L-03
NSAE-00 NSC-05 OMB-01 PM-05 USIA-06 SP-02 SS-15
STR-07 TRSE-00 ACDA-12 NRC-05 /111 W
-----086820 020950Z /23

P R 020844Z MAR 78
FM AMEMBASSY SEOUL
TO SECSTATE WASHDC PRIORITY 9618
DOE WASHDC PRIORITY
DOE GERMANTOWN PRIORITY
INFO AMEMBASSY TOKYO

C O N F I D E N T I A L SEOUL 1698

DEPT PASS NRC, J LAFLEUR; DEPT FOR OES/NET/RD, V ADLER

DOE WASHDC, R WILLIT

TOKYO FOR J BLOOM AND W HENoch

E.O. 11652: GDS
TAGS: ENRG, TECH, KS
SUBJ: KO-RI 1 REACHES 100 PERCENT THERMAL POWER OUTPUT SECOND
TIME

REF: A) SEOUL 1624, B) SEOUL 1503, C) SEOUL 380, D)
SEOUL 256

1. AT 0250 HOURS MARCH 1, KO-RI 1 REACHED 100 PERCENT THERMAL
POWER OUTPUT FOR SECOND TIME, REFTEL A, BUT ELECTRICAL OUTPUT
IS ABOUT 5 MWE (A LITTLE LESS THAN 1 PERCENT) SHORT OF RATED
595 MWE.

2. CONTINUOUS BLOWDOWN OF STEAM GENERATORS, TO KEEP SECONDARY
SYSTEM WATER CHLORIDE LEVELS WITHIN TECHNICAL SPECIFICATIONS,
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IS MAIN REASON FOR SHORT FALL IN ELECTRICAL OUTPUT. LEAKING
SEA WATER COOLED CONDENSER IS SOURCE OF CHLORIDE CONTAMINATION,
REFTELS B, C, AND D. OPERATION WITH CONTINUOUS STEAM GENERATOR
BLOWDOWN OF THIS AMOUNT OF STEAM INDUCES INCREASED CARRY
OVER OF OTHER CONTAMINANTS TO STEAM TURBINES WHERE CON-
TAMINATION PLATEOUT ON TURBINE BLADES WILL EVENTUALLY
NECESSITATE PREMATURE PLANT SHUTDOWN FOR TURBINE CLEANING.

3. A 100 HOUR FULL POWER ACCEPTANCE TEST IS SCHEDULED FOR MARCH 15 WHICH MAY SUCCEED REGARDING WESTINGHOUSE'S THERMAL POWER GUARANTIES BUT MOST LIKELY WILL NOT SUCCEED WITH RESPECT TO ELECTRIC POWER GUARANTIES OF UK GENERAL ELECTRIC UNLESS OPERATING A REDUCED STEAM GENERATOR BLOW-DOWN IS UNWISELY ATTEMPTED.
STERN

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: PRODUCTION DATA, NUCLEAR POWER PLANTS
Control Number: n/a
Copy: SINGLE
Draft Date: 02 mar 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 20 Mar 2014
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978SEOUL01698
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Drafter: n/a
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Executive Order: GS
Errors: N/A
Expiration:
Film Number: D780095-0594
Format: TEL
From: SEOUL
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t197803114/aaaadswm.tel
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Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 68d7bab9-c288-dd11-92da-001cc4696bcc
Office: ACTION OES
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
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Reference: 78 SEOUL 1624, 78 SEOUL 1503, 78 SEOUL 380
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Review Content Flags:
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SAS ID: 3139938
Secure: OPEN
Status: NATIVE
Subject: KO-RI 1 REACHES 100 PERCENT THERMAL POWER OUTPUT SECOND TIME
TAGS: ENRG, TECH, KS
To: STATE DOE
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Review Markings:
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